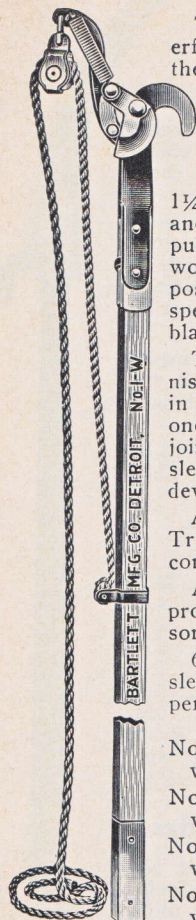


No. 1-W Pulley Type Tree Trimmer



This Tree Trimmer is the most powerful cutting tool that we have ever had the pleasure of producing. It not only has the Compound Lever of our regular No. 1 Trimmer, but it has double leverage due to the pulley which is attached to the curved lever. This tool will sever any branch up to 1 1/4" diameter with the slightest effort, and the pulley enables the operator to pull the rope at any angle, and have it work equally well without changing the position of the head when cutting. A special coil spring positively returns the blade to a full cutting position.

The No. 1-W Tree Trimmer is furnished with 1 1/4"x1 1/8" rectangular poles in 6, 8, 10, 12, 14 and 16 ft. lengths, one piece pole or in short sections joined together with our No. 156 brass sleeve, which has a positive locking device.

A very important feature of this new Trimmer, is the light weight, the head complete weighing only 1 3/4 pounds.

All poles carry two coats of waterproof shellac to prevent moisture absorption.

6 or 8-ft. octagon poles with round sleeves are obtainable if desired at 10c per pole additional.

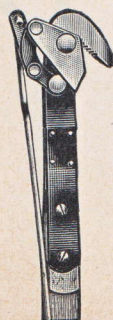
	Price Each
No. 1-W 4 ft. rectangular pole with P156-2 Ferrule.....	\$6.10
No. 1-W 6 ft. rectangular pole with P156-2 Ferrule.....	6.40
No. 1-W 8 ft. rectangular pole with P156-2 Ferrule.....	6.70
No. 1-W 10 ft. rectangular pole with P156-2 Ferrule.....	7.00
No. 1-W 12 ft. rectangular pole with Ferrule.....	7.30
No. 1-W 14 ft. rectangular pole with Ferrule.....	7.60
No. 1-W 16 ft. rectangular pole with Ferrule.....	7.90
No. 1-W Head complete with pulley.....	4.00

Extra rectangular sections for all trimmers:

4-ft. with No. 156-1 and 2 Body and Ferrule.....	2.40
6-ft. " No. 156-1 and 2 Body and Ferrule.....	2.80
8-ft. " No. 156-1 and 2 Body and Ferrule.....	3.20
10-ft. " No. 156-1 and 2 Body and Ferrule.....	3.60

For Bottom Sections only deduct 50 cents if ferrule is not wanted.

No. 1-SC Long Handle Wire Cutters



For those Utilities who require a long handled wire cutter for unloading poles we have designed our COMPOUND LEVER cutter. This tool, however, is not to be confused with the tree trimmer as it is not intended for that purpose.

Four strands of bare No. 7 wire easily cut at one stroke of the pull lever.

No. 1-SC Wire Cutter with 12-ft. pole and P-156-2 ferrule attached	\$15.65
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No. 1-B Bakelite Insulated Tree Trimmer



Bartlett Insulated Tree Trimmers are designed with the idea of giving the maximum amount of protection to the operator.

The Insulator used in our Standard No. 1-B Tree Trimmer is made of 1/2" round bakelite, 30" long, which is securely fastened to the short top and bottom pull rods as shown in the illustration. The wood pull lever, to which the rope is attached, is placed 42" from the head. Poles of the highest grade are used in our trimmer and the wood is treated with shellac to prevent moisture absorption.

These trimmers can be furnished in lengths from 6 to 16 feet or if wanted can be supplied with a top pole and extra sections to make the desired length, such as a 12-ft. pole and one 4-ft. section to make a 16-ft. pole.

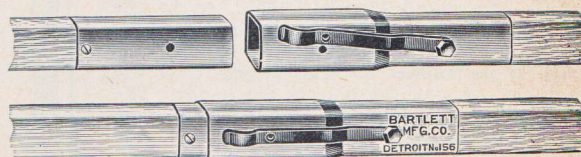
This tool is operated by a rope which, together with the wood pole, wood pull lever handle and insulator, gives the user the greatest possible protection.

The Insulated Tree Trimmer described herewith has been tested at 105,000 volts and is used as standard equipment by several of the largest power distributing companies. Airplane spruce poles add strength.

	Price Each
6-ft. one-piece pole, with P156-2 Ferrule.....	\$ 9.70
8-ft. one-piece pole, with P156-2 Ferrule.....	10.10
10-ft. one-piece pole, with P156-2 Ferrule.....	10.50
12-ft. one-piece pole, with P156-2 Ferrule.....	10.90
14-ft. one-piece pole, with P156-2 Ferrule.....	11.30
16-ft. one-piece pole, with P156-2 Ferrule.....	11.70

No. P-156 Brass Sleeve

For adding sections to the handles of the No. 1-B, 1-S, 1-W Trimmer, No. 44 and Safety Back Pole Saw. Suitable for switch sticks and lamp changers.



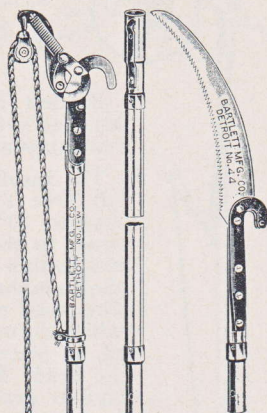
When the Ferrule is inserted into the sleeve body, a pin automatically drops into place preventing the two sections from pulling apart. By means of this sleeve the added section becomes rigid as if it were a one piece pole.

No. 156 Sleeve complete.....	\$1.60
No. 156-1 Sleeve Body	1.10
No. 156-2 Sleeve Ferrule.....	.50

No. 1-WE Combination Pruner and Saw—Octagon Pole

This Combination has two separate tools for head sections mounted on short pieces of 1¼" octagon Sitka spruce poles, with a round ferrule (No. 146-2) attached to the lower end and extra 6 or 8-ft. octagon section fitted with round brass sleeve body which engages the ferrule and locks securely. This makes it possible to use either head with the same handle section and several intermediate lengths can be added if desired.

For convenience in shipping, the head sections may be ordered without extra sections, if you prefer to supply your own.

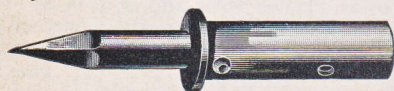


Our 12" Speed Saw Blade also fits this combination.

	Price Each
No. 1-WE Head Section, 30" overall, wt. 2¾ lbs.	\$5.15
No. 44-WE Head Section, 30" overall, wt. 1½ lbs.	3.80
8-ft. intermediate section with No. 146-1 and 2 body and ferrule.	3.30
8-ft. handle section with No. 146-1 sleeve body.	2.80
No. 146-1 Brass Sleeve Body, complete.	1.10
No. 146-2 Brass Sleeve Ferrule.	.50
No. 012-WE Speed Saw Blade.	1.65

No. 1-WE Pike Pole Attachment

This drop forged pike with hardened point has been designed for use with the No. 1-WE Combination illustrated above. It fits the extra sections and the self-locking sleeve securely holds the pike in place when testing



poles. Although regularly furnished with the round ferrule we will attach the P-156-2 rectangular ferrule when requested.

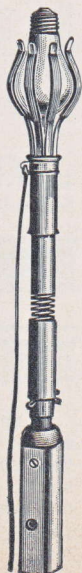
WE-Pike 8-inch overall, each...\$2.00

Lamp Changer

A sectional lamp changer that will fit your tree trimmer handle sections is illustrated herewith. It is 17 inches overall with P156-2 ferrule attached, however, if requested we will supply the round ferrule P146-2, to fit the octagon sections furnished on the WE-Combination illustrated. This tool is operated by pushing the rubber covered fingers over the lamp and turning the pole in the hands. The cord provides a means for operating the lamp changer at an angle when required.

No. 151 Lamp Changer, 17" long for 50-200 watt lamps.	\$5.00
No. 152 Lamp Changer, 17" long for 200-500 watt lamps.	6.25
No. 152 does not have the bending adjustment.	
Extra intermediate section, 8-ft. long.	3.20
Extra handle section, 8-ft. long.	2.70

Specify lamp size when ordering.



No. 44 Pole Saw

For limbs larger than the capacity of our No. 1 Tree Trimmer, we recommend our No. 44 Pole Pruning Saw with 16" peg tooth blade, having 7 teeth per inch.

This saw is securely held by the head, which is stamped from stiff cold rolled steel and fastened to the pole by three bolts.

The head is made of two strips of steel riveted together so as to secure a truss shaped support for the blade, which is fastened between the two sides. The hook serves as a means for hanging the tool on a limb when not in use.

The saw can be adjusted to three angles to suit the operator's position and the blade is ground for clearance, which prevents binding.

A paint brush clip will be attached to side of pole near the head @ 30c extra when desired.

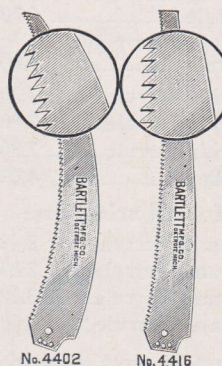
File blades with No. 395 Cant File.

No. 44 Pole Saw Price List

No. 44— 4-ft., without ferrule, each.	\$4.10
No. 44— 6-ft., without ferrule, each.	4.40
No. 44— 8-ft., without ferrule, each.	4.70
No. 44—10-ft., without ferrule, each.	5.00
No. 44—12-ft., without ferrule, each.	5.30
No. 44—14-ft., without ferrule, each.	5.60
No. 44—16-ft., without ferrule, each.	5.90

No. 44 Pole Saw will have P156-2 Brass Ferrules attached at 50c each when extra sections are ordered. Poles are 1¼"x1½".

Details of Pole Saw Blades



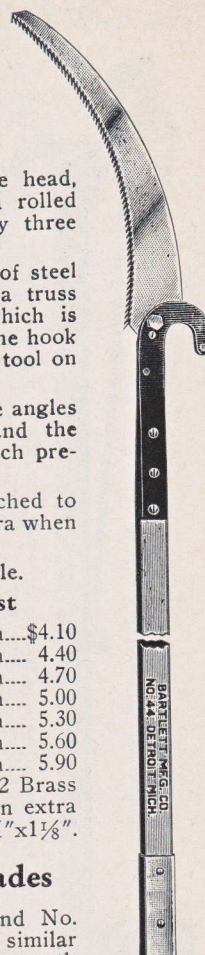
No. 4402 and No. 4416 have a similar design of peg tooth but the No. 4416 has less curve than No. 4402 and cuts the full length of the stroke. Either one can be used on the No. 44 head.

Extra Blades	Each
No. 4402—12"	\$1.15
No. 4402—16"	1.25
No. 4402—20"	1.50
No. 4416—16"	1.25

No. 45 Pole Saw

The No. 45 is a bracket type Pole Saw, similar in design to our No. 18 Hand Saw. It has a 14½" blade, 8 points to the inch and a tightening screw enables the operator to keep the blade at the proper tension. Furnished only with a 10-ft. 1¼" x 1½" basswood pole. While this saw is preferred by many, it will not cut as large a limb as the No. 44, due to its construction. The hook is used for pulling out the cut branches or for hanging the saw in the tree when not in use.

	Price each
No. 45 Pole Saw, 10 ft.	\$5.00
No. 45 Saw without pole	3.50
No. 4502 Extra Blade.	.30
No. 4503 End Swivel with wing nut.	.50



No. 50 Safety Back Pole Saw



In developing this Pole Saw we have kept in mind the fact that the Utility Companies require the greatest degree of safety possible in this hazardous work.

The bent wood back tapers from our regular standard size of pole to a narrow point which enables the user to operate this saw in close crotches, and in order to make the cutting most effective we have designed the cutting head so that the blade can be turned to three positions by simply loosening the thumb nut and turning the knurled holder until the pin drops into the desired position, then again tightening the thumb nut with the lower pin in a position corresponding to the upper end. The blade cannot turn until it is again loosened. The whole frame is as rigid as desired by drawing the blade taut with the use of the thumb screw.

The blade of our Safety Back Pole Saw is 36" long by $\frac{7}{8}$ ", having a draw cut 5 points per inch and will cut with greatest rapidity.

The steel in these blades is of the highest grade and the saw has a cutting capacity of 5 inches.

File blades with No. 390 Slim File.

No. 50 Safety Back Pole Saw Price List

5-ft. top section with blade and No. 156-2 ferrule.....	\$7.00
Extra 4-ft. section with sleeve body.....	1.90
Extra 6-ft. section with sleeve body.....	2.30
Extra 8-ft. section with sleeve body.....	2.70
Extra 10-ft. section with sleeve body.....	3.10

Tree Climbers



For forest rangers, fire wardens and surveyors. These climbers are especially made for tree climbing with extra long spurs necessary to penetrate the bark. Sizes 15" to 18".

No. 1907 with punched strap loops, wt. $3\frac{3}{4}$ lbs.
Per pair\$3.90

No. 5301-1 Straps and pads,
Per set\$3.75



Safety Rope

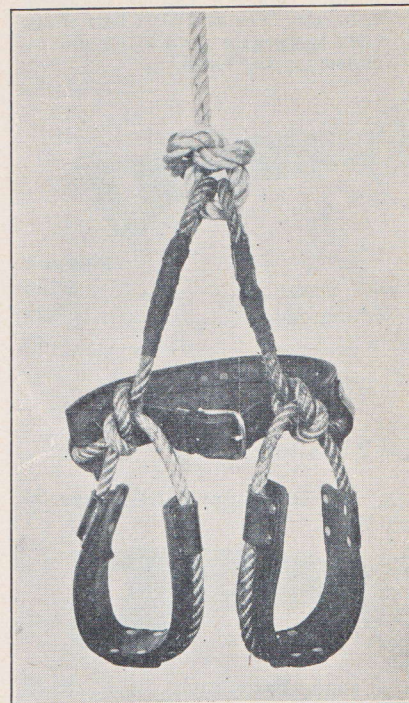


The rope is $\frac{1}{2}$ " 4-strand manila and the snaps shown at either end are drop forged nickel steel of the quick connector type. Adjustable from 45 inches to 75 inches.

Safety Rope Complete.....	Each \$5.00
Quick Connector Snap Only.....	Each 1.75

Safety Saddle

Exclusively manufactured by us under
Nelson & Kuemmerling Patent.



The Safety Saddle provides a belt and saddle combination as illustrated herewith. The main belt is made of $3\frac{1}{2}$ " heavy leather reinforced by the tightening strap which is adjustable from 36" to 44". It is provided with two D rings and a $\frac{1}{2}$ " 4 strand, rope also passes thru supports on the belt to encircle the leg supports, which are of 3-inch leather.

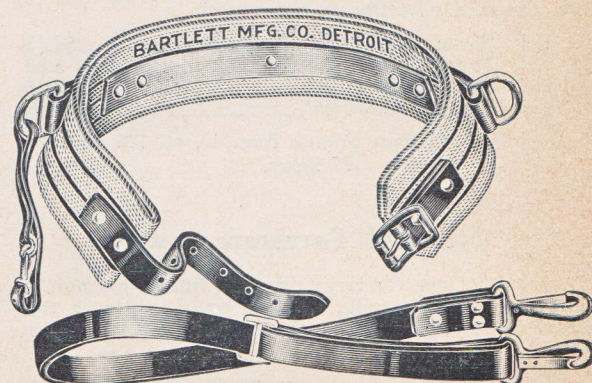
The operator is enabled to sit in this safety saddle with perfect ease, as illustrated below.

Used extensively by state highway departments, public utilities and tree expert companies. Also used in painting steel towers on high tension transmission lines, saving approximately 30% in cash per tower.
Complete\$8.00

Safety Belts and Straps

For Tree Trimming

Our Safety Belts and Straps are designed so as to be as light as possible and retain the strength required to give the user protection from accident.

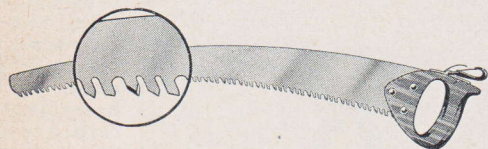


The Belt and Strap are made from the best webbing and harness leather obtainable and the "D" rings, snaps and adapters are nickel steel drop forged.

$3\frac{5}{8}$ " Canvas Belt reinforced with leather adjustable 32" to 48", weight 2 lbs. 1 oz.....	\$7.00
$1\frac{5}{8}$ " Leather Adjustable Strap, weight 1 lb. 10 oz.....	6.50

No. 114 Utility Speed Saw

This new Pruning Saw cuts faster than any other style. The teeth are diamond point with a well shaped raker. As a special feature this saw can be obtained with or without the automatic "On and Off" belt snap. The handle has an extra large grip permitting gloves and is comfortably shaped for the hand.



	Price each
No. 114—26" Saw with Snap.....	\$4.30
No. 114—26" Saw without Snap.....	3.90
Extra Snaps, complete40

Use 6" Safeback Cant File.

No. 124 Speed Saw

Identically like the No. 114 except it has a special handle and a shorter blade.



No. 124—24", without snap. Price, each.....	\$3.75
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No. 127 Paragon Pruning Saw

Made of silver steel properly filed and set for best results.



This saw has an extra large hand hole and is very popular with linemen. It has a draw cut and considerable clearance, resulting in rapid work.

No. 127—Paragon Saw, 20".....	\$2.75
No. 127—Paragon Saw, 22".....	3.00
No. 127—Paragon Saw, 24".....	3.25
No. 127—Paragon Saw, 26".....	3.50

Use No. 390 Slim File on Nos. 40, 41, 120 and 127 Saws.

No. 170 Foresters Saw

A splendid saw for large or small limbs, 4½ points to the inch. The handle is extra large to permit the use of gloves.

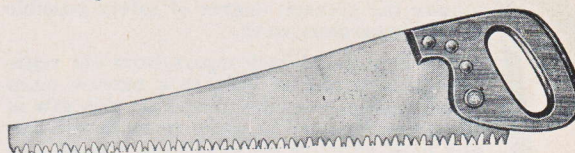


	Price Each
No. 170—26" Blade.....	\$3.00

Use No. 395 Cant File.

No. 41 Utility Saw

The special handle, as shown in the cut below, is extra large.

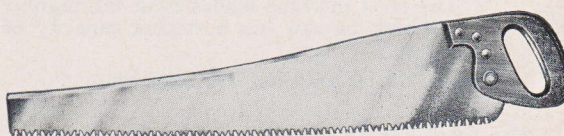


The No. 41 Saw has 20" or 24" tuttle tooth blade and is very popular with utility companies. It will sever the largest branches.

No. 41—20" blade, tuttle tooth. Special handle....	\$2.50
No. 41—24" blade, tuttle tooth. Special handle....	2.75

No. F-102 Tuttle Tooth Saw

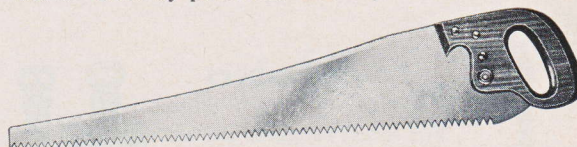
This Saw has a 28" blade and the same type of tooth as our No. 41. It is equipped with a special handle, similar to our No. 41 Utility, popular among linemen.



No. F-102—28" Blade, 2¾" wide at point.....	\$4.50
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No. D-28 Tree Experts' Saw

D-28 has the same type handle as the F-102, but the teeth are special, being 6 points per inch, beveled forward. Used by particular tree experts.

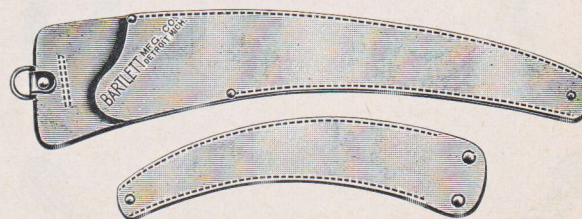


No. D-28—28" Blade, 1½" wide at point.....	\$4.00
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Use No. 390 Slim Blunt File.

Leather Saw Sheaths

For the protection of the saw as well as the operator we supply oak tanned leather Saw Sheaths as follows:

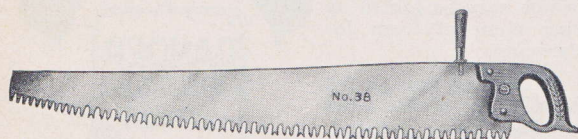


Sheath for Nos. 127, 120 or 220 Paragon Saws,	
20"—\$2.10; 22"—\$2.20; 24"—\$2.30; 26"—\$2.40	
Sheath for No. 4402—12"—\$1.25, 16"—\$1.50; 20"—\$2.00	
Sheath for No. 41—20" Saw.....	1.75
Sheath for No. 41—24" Saw.....	2.00
Sheath for No. 170—26" Saw.....	2.10
Sheath for No. 114—26" Saw.....	2.40
Sheath for No. 124—24" Saw.....	2.30
Sheath for No. 224—24" Saw.....	2.30

One Man Cross Cut Saws

No. 38 is made of silver steel. The toothed edge is of even thickness, but the blade gradually tapers towards the point on the back. An easy grip handle.

Two sharp cutting teeth and raker. No. 39 has Tuttle tooth, special steel, taper ground.



No. 38—Skew Back—30"	\$4.50
No. 38—Skew Back—36"	5.25
No. 38—Skew Back—42"	6.10
No. 39—Straight back—30"	3.20
No. 39—Straight back—36"	3.80
No. 39—Straight back—42"	4.40
No. 39—Straight back—60"	6.35

The No. 103 with Lance Perforated Tooth is shown in the cut below. A very high grade saw furnished in one length only, with four cutting teeth and raker.



No. F-103—36" Lance Perforated Saw. Price.....\$4.25
Use special cross cut files.

Two Man Cross Cut Saws

Our Cross Cut Saws are made of the highest grade steel carefully tempered and warranted to cut faster and hold an edge longer than other makes. They are



ground with plenty of clearance to make them operate easily. Handles are extra.

No. 55 Cross Cut Saws (Silver Steel)

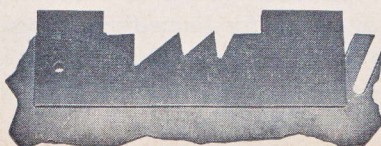
No. 332 (Special Steel)

Length	5 ft.	5½ ft.	6 ft.
No. 55, price each.....	\$8.10	\$9.50	\$10.90
No. 332, price each.....	6.85	7.55	8.15
No. 28—Handles, per pair.....			.95

Use Special Cross Cut File.

Filing Gauge for Filing the No. 114 and 124 Saw

A special gauge is required. Instruction for use of Gauge and Jointer will be sent upon request.



No. 114 Filing Gauge.....	\$.90
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Tree Paint

Black Antiseptic Pruning Compound (Ant Repellent)



Made with a pure Egyptian asphalt base, this tree paint contains only ingredients which are helpful to the healing of tree wounds. Will not crack or blister. Thin only with raw linseed oil.

Especially adaptable to fall and winter trimming work because it retains its liquid consistency under freezing temperatures.

Liquid used for wound dressing; plastic for tree surgery.

Tree Paint Liquid Plastic

½ Pint can	\$.30	\$.40
1 Pint can45	.60
1 Quart can.....	.75	.90
1 Gallon can	1.50	1.75
5 Gallon drum....	5.50	7.50
30 Gallon drum....	30.00
50 Gallon drum....	50.00
Flintkote, Black Water Mixing Paint.....	\$1.25	gal.



Full Cartons, packed 48 Half Pint or Pint Cans.

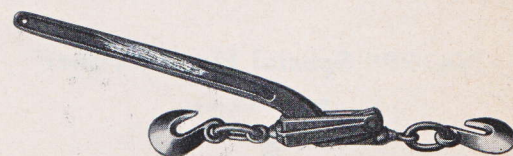
Full Cartons, packed 24 Quart Cans.

Full Cartons, packed 6 Gallon Cans.

Load Binder

All steel forged, double swivel for the handling of logs, poles, lumber and other material on open trucks and flat cars. Often used as fence stretcher. These binders test as follows:

R-1—7,500 lbs. L-2—9,000 lbs. E-3—14,500 lbs.



E-3 — OPEN

R-1—Regular size, take-up 4", wt. 17 lbs., per pair..\$4.20

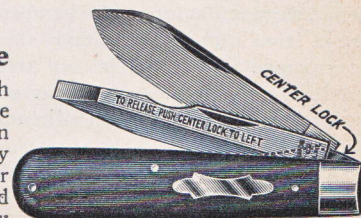
L-2—Large size, take-up 4½", wt. 19 lbs. " 6.00

E-3—Extra large size, take-up 5", wt. 28 lbs. " 7.80

R-1 is the size generally used for ordinary loads (one pair means 2 binders).

Linemen's Pocket Knife

Equipped with screw driver blade which locks in an open position by means of a center lock, now included in U. S. Army specifications.

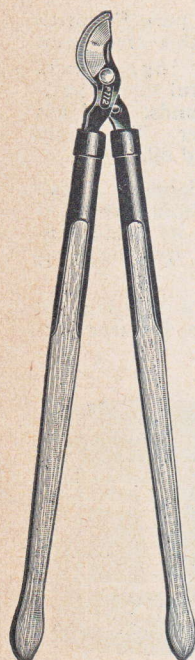


3¾" closed, wood handle without belt shackle.....\$1.50

3¾" closed, wood handle with belt shackle..... 1.65

No. 777 Two Hand Pruner

Drop Forged



Our No. 777 is designed on scientific principles. Because of the fact that the majority of men are right-handed, we have placed the blade on the opposite side from the general custom.

This permits the blade to be placed next to the body or main limb of the tree with the hook handle held in the left hand, while the right hand operates the blade. It may be readily seen with this arrangement that the hook remains stationary while the blade closes, instead of the blade being held stationary while the hook closes by twisting around the branch, wounding the bark.

The blade positively will not cut or dig into the hook. By dropping the hook considerably below the center line we have produced a positive draw cut superior to any other, with an opening between blade and hook, allowing a straight thrust at the branch.

This is a pruner with more desirable features and easier cutting qualities than have ever before been combined in a single tool.

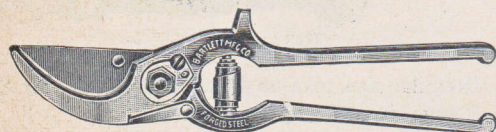
Both blade and hook are hardened drop forged crucible tool steel.

Price List of No. 777

- No. 777—Two-hand Pruner, 26" white ash handle, with 10" strap ferrule as illustrated\$3.60
- No. 777—26" handle with 4½" plain ferrule, reinforced..... 3.50
- No. 777—20" handle with 4½" plain ferrule, reinforced..... 3.40

No. 999 Special Hand Pruner

9 Inches Long



It is special in every way, being made for the most particular. First, only the highest quality materials are used in its manufacture. The handles and hook are drop forged from high grade special steel while the blades are stamped from crucible tool steel. Both the blade and hook are hardened, the latter acting as a guide for the blade when cutting. An adjusting nut on the pivot bolt always keeps the shear at right tension and a safety catch is provided for locking the blade and hook in a closed position.

Nothing to pinch the hand and no loose hand lock to get out of place. Fully polished and packed in attractive box. Price.....\$3.25

Road Signs

Automatic Type

This sign weighs only 10 pounds, yet it is a durable warning signal which may be folded up into compact form for carrying.

A locking cam on the base of the tripod locks the legs when open, preventing the wind from blowing the sign over.

The black letters on a yellow background are easily visible, for the metal sign is 18"x18".

The flag holder has three sockets and we supply two flags with each complete outfit.



- 4-ft. Automatic Type, complete.....\$7.50
- 18"x18" Metal Sign only..... 2.00
- Flags only, each..... .30

Barricade Type

This sturdy frame carries a 20-gauge metal sign, 24"x24", which swings from the top.

"DANGER" is in red lettering on a white background. The words, "Men Working in Trees," is in green and your name will be inserted in the space at the bottom in reverse, i.e. white letters on a green background.

There are sockets for five red flags—we furnish three flags with each complete Barricade outfit. Legs fold up to make it compact for shipping. Net weight, 29 lbs.



- Barricade Type, complete.....\$10.00
- 24"x24" Metal Sign only (lettered both sides, including your name)..... 4.50
- If your name is not desired on sign, deduct \$1.50.

A complete line of Tree Bracing Materials is available for immediate shipment including lag thread tree rods, diamond washers, hexagon nuts and loop nuts, eyebolts, lag hooks, thimbles, cable and climbing rope.

Prices subject to change without notice.